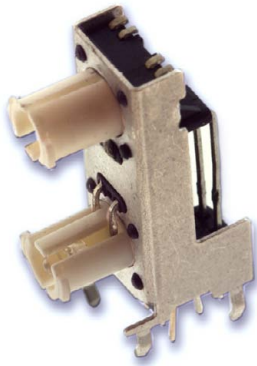


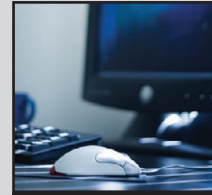
TL3253 SERIES TACT SWITCH



APPLICATIONS / MARKETS



Audio / Visual



Computer Peripherals



Consumer Electronics



Instrumentation



Telecommunication



Medical Equipment

RoHS

SPECIFICATIONS

Electrical Rating: 50mA @ 12V DC
Life Expectancy: 500,000 Cycles
Contact Resistance: 100mΩ Max.
Insulation Resistance: 100 MΩ Min. at 100V DC
Dielectric Strength: 250V AC for 1 min.
Operating Temperature: -20°C to 70°C
Storage Temperature: -30°C to 80°C
Operating Force: 160 gf +/- 50 gf
Travel: 0.25mm +0.2/-0.1mm
Contact Arrangement: SPST, Normally Open

FEATURES & BENEFITS

- Illumination options
- Dual stacked LEDs
- Right angle mount

PART NUMBER CONFIGURATOR

Series	Model	Upper Actuator Height	Upper Actuator LED	Upper Actuator Cap	Lower Actuator Height	Lower Actuator LED	Lower Actuator Cap	Operating Force	Contact Material
TL	3253	A - 6.60mm B - 8.55mm	Y - Yellow R - Red G - Green B - Blue W - White N - No LED	A - Stepped Transparent B - Round Transparent N - No Cap	A - 6.60mm B - 8.55mm	Y - Yellow R - Red G - Green B - Blue W - White N - No LED	A - Stepped Transparent B - Round Transparent N - No Cap	F160	Q - Silver

Specifications subject to change without notice



E-SWITCH®

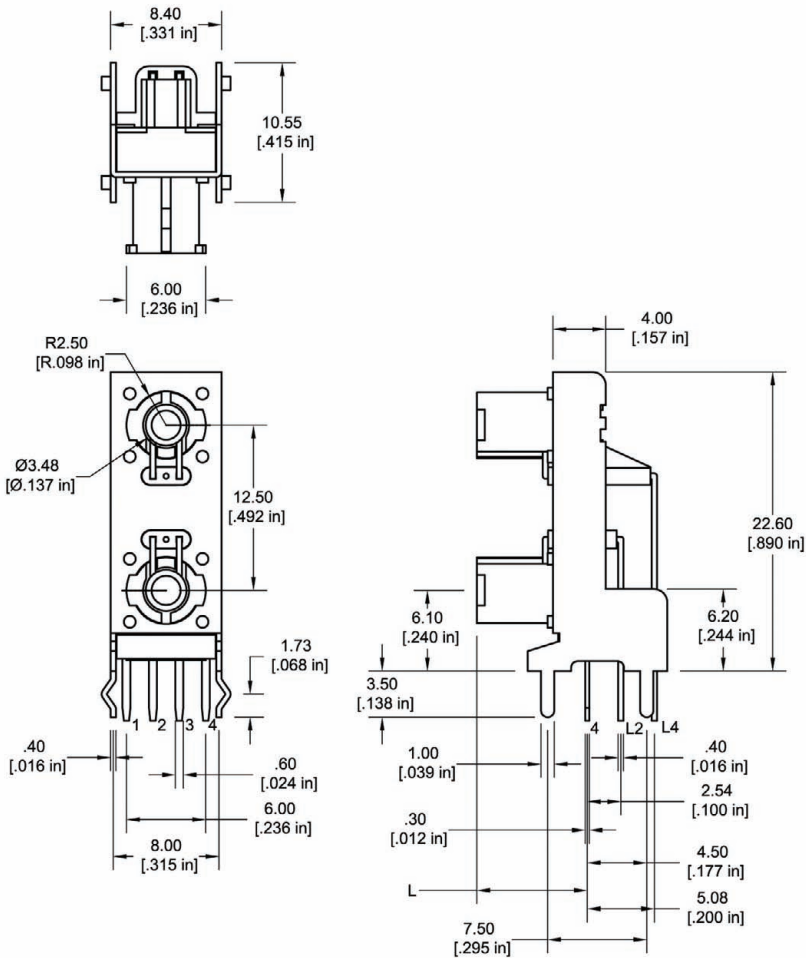
www.e-switch.com

800.867.2717

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TL3253 SERIES TACT SWITCH

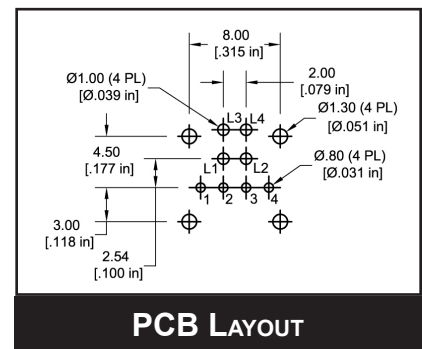
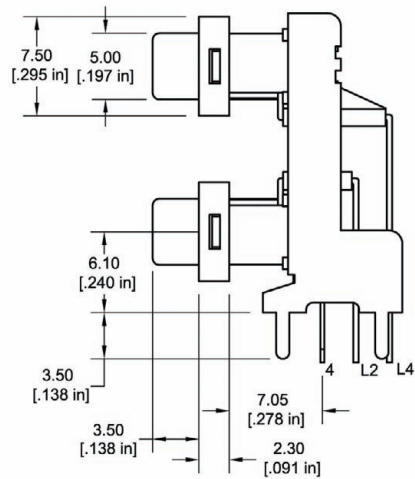
BODY DIMENSIONS



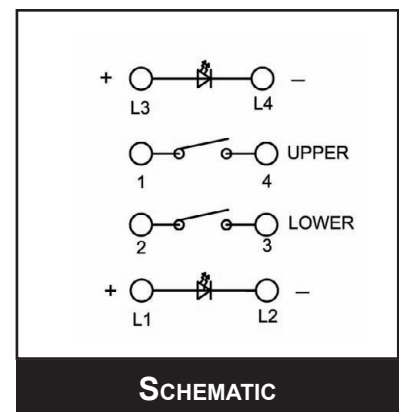
LED Specifications

	Forward Current (mA)	Forward Voltage V @ 20mA	Luminous Intensity (mcd)
Blue	20mA	3.3 typ. - 4.0 max VDC	1000 mcd
Red	20mA	1.95 typ. - 2.5 max VDC	4000 mcd
Green	20mA	2.1 typ. - 2.5 max VDC	600 mcd
Yellow	20mA	2.0 typ. - 2.5 max VDC	2700 mcd
White	20mA	3.3 typ. - 4.0 max. VDC	650 mcd

Shown With Optional Caps



PCB LAYOUT



SCHEMATIC

